These rooms, opening on the front of the house along the corridor, do not run the full length of the house. A fourth, a back room, running across the back part may open on to the kitchen. Sometimes this room is only roughly finished and used for storage or sleeping purposes or both. A grandmother often takes the grandchildren (other than the infant) to bed with her in this room. 342 [353] [513]

The kitchen is set off from the rest of the house by being on a lower level, perhaps one step. The kitchen usually has a hard dirt floor. Occasionally it is cemented. Sometimes it has a chimney, sometimes a hole in the side of the wall, which the curious smoke rejects in favor of a leisurely diffusion throughout the other rooms of the house. The kitchen is not part of the house in the sense that the other rooms are. The shoes are not removed when entering it. The kitchen opens out on to a stone or dirt path. Women frequently still eat in the kitchen because of its convenience and the need of going in and out to get water, or to wash vegetables, or to get food from the shed during the preparation of a meal. [576] [264]

The stove is basically an open hearth with a hole at the top for the cooking pan. There is also a hole directly below this into which the fuel can be placed. More elaborate stoves may have three tiers: one for the cooking, one for putting the fuel in, the lower for the ashes. The most simple, in the very poorest houses, are little more than a circular group of stones laid on the ground built up so that a pan can be placed on top. The most elaborate, made of stone, might run across the width of the kitchen and have several openings. Fuel, such as odd branches, sticks of firewood brought from the northern (Kunigami) region, crushed and dried sugar cane, or miscanthus grass of varying length is put part way into the fire and pushed further in as the ends are burned off. 354 [372]

The all stone house is smaller than the wooden house. It invariably has a tile roof, for those able to afford the stone can also buy the tile. The stone blocks used in house construction are usually about nine feet by one foot on the edge.[6] The stones used as posts are buried two feet in the ground leaving seven feet for the upright. These blocks, called ishibashida when used for house construction, have the same width and breadth; they can be cut to any desired length to even off the sides. The stones are layed like bricks with mortar to form the walls of the house. The all stone house is not common, and is usually seen in the south, where the stone is quarried, in Minatogawa, and in adjacent villages. These houses are more modern, and often bathing facilities are built in. The stone house has the advantage of being cool in summer, warm in winter. 342 [333] [184] [515]

Finally, there are the simple structures, resembling shacks or shanties more than houses. These are, as one would expect, more frequent in the areas of the war's operations. There are three main varieties, though the combinations are numerous: (1) the all grass house, now uncommon. The sides of this wattled house are usually of [362]

6 Actually they are 9 x 1 x 1 shaku. A shaku is 0.994 feet.

A cutting line is then drawn over the surface of the stone. The worker straddles the cutting line, lifts the long bar up and down, making the cut along the line to the desired depth. It is slow and tedious work. 316

When the stone has been cut along a length of 6 or 9 feet and to a depth of about 14 inches, small holes along the bottom of the cut are made with a pick. These provide a hold for the wedges. Shavings or pieces of wood are put on either side of the wedges, three of which are used for a 6 foot length. The wedges are then struck seriatim with a sledge hammer and the stone is cracked across the bottom. When cracked, it is pried loose by the long bar, using the wedge as the fulcrum.

The cutting continues all day, or until the desired length and depth is reached for that particular cut. As the top layer is removed, the cutters go down deeper until they reach water, or until the seepage is too great to permit further cutting. Many times they cut 10 or 15 feet below the level of the surrounding land, stopping when the quality of the stone becomes poor. It may be black streaked, cracked, or have large fissures.

The long chisel is a relatively new addition to the tools of stonecutting. About 60 years ago, only the hand axe was used. This made the cut much rougher, compared with the clean cut of the bar chisel. After removal the block is rough on the lower edge. (Fig. 1) With gentle and slow chipping, this rough edge is smoothed off by the hand axe and the stone is ready for use. [413] 324

Three different types of stones are cut: (1) foundation stone (ishiji in Okinawan) used in housebuilding. This is the stone on which the poles supporting the eaves rest. At its base, the stone is about 16 inches square, at the apex about 14 inches, with a height of 9 inches to one foot. (2) Pyramidal stones with a square base (called kenchi both in Japanese and Okinawan). These are made from larger and imperfect cuttings or from odd shaped stones. They are chipped down and finished to the desired size. They are extensively used in breakwaters, and, occasionally in stone fences. When used as a breakwater, the stones are placed with the base toward the water, the apex being shoreward. The interstices may be filled with cement or clay. [333]

The block is the most important cut. It may be any length. When used in building construction, the blocks are generally about 9 feet long, one foot wide, and from 10-12 inches thick. These are called ishibashida (Japanese and Okinawan). In housebuilding stone, the width and the thickness are about the same, from ten inches to one foot on the side. In housebuilding the blocks are laid like bricks, so that joinings are not in the same vertical line. [333] 324 432

Cutters normally do not use the stone for personal use. More is to be gained by selling. This is done on an individual basis.